

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus.p2a model

Run on: January 16, 2003 17:03:17 - Search time 41.214 seconds
(without alignments)
114 745 Million cell updates/sec

Title: US-09-856-070-23

Perfect score: 55

Sequences: 1 FIMRIGVFF 11

Scoring table:

PLCSM62
Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
delop 6.0, Delext 7.0

Searched: 393868 seqs, 222354145 residues

Total number of hits satisfying chosen parameters: 787736

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

-MODEL=frame+p2n model -REV=XP
-Q=/c302.1/EST/US0985607023at_14012004_15545_1681
-DB=Published Applications NA -QMT=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOCHI=0 -LOOCHI=0 -UNLIS=bits -SWAP=1 -FNU=1 -MATRIX=blomsum2
-TRANS=human40 vdi -LIST=45 -NOALIGN=200 -THR_SCORE=pcr -THR_MAX=100
-THR_MIN=0 -ALIGN=15 -MOTIF=LOCAL -OUTFMT=ps -NORM=ext -HFAPEST=500 -MINLEN=0
-MAXLEN=20000000 -INSEP=US0985607023at_14012004_15545_1681
-NCPU=6 -ICPU=3 -NO_XLPAY -N_MMAPP -LAGGEMERY -NLS_SIZES=0 -WAIT -LONLW
-DEV_FIMROUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FCGAPOP=6
-FCGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database:

Published Applications NA:

1: /c302.1/prodata/2/pubna/us07_purcMB seq.*
2: /c302.1/prodata/2/pubna/ECT_NEW_PCD.seq.*
3: /c302.1/prodata/2/pubna/US06_NEW_PUR.seq.*
4: /c302.1/prodata/2/pubna/us06_purcMB seq.*
5: /c302.1/prodata/2/pubna/US07_NEW_PUR.seq.*
6: /c302.1/prodata/2/pubna/ECT_NEW_PCD.seq.*
7: /c302.1/prodata/2/pubna/US08_NEW_PUR.seq.*
8: /c302.1/prodata/2/pubna/us08_purcMB seq.*
9: /c302.1/prodata/2/pubna/US09_NEW_PUR.seq.*
10: /c302.1/prodata/2/pubna/US09_purcMB seq.*
11: /c302.1/prodata/2/pubna/US10_NEW_PUR.seq.*
12: /c302.1/prodata/2/pubna/US10_purcMB seq.*
13: /c302.1/prodata/2/pubna/US06_NEW_PUR.seq.*
14: /c302.1/prodata/2/pubna/us06_purcMB seq.*

Pred. No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	55	100.0	2940	US-09-960-253-156	Sequence 156, App
2	55	100.0	3044	US-09-860-107-4719	Sequence 4719, App
3	55	100.0	3047	US-09-864-864-129	Sequence 129, App
4	55	100.0	4015	US-09-925-299-123	Sequence 123, App

C 5	39	70.9	205	10	US-09-864-761-27935	Sequence 27935, A
C 6	39	70.9	452	10	US-09-864-761-11355	Sequence 11355, A
C 7	49	70.9	454	12	US-10-044-000-193	Sequence 193, App
C 8	36	65.5	782	10	US-09-974-000-2785	Sequence 2785, App
C 9	36	65.5	855	9	US-09-938-842A-2522	Sequence 2522, App
C 10	36	65.5	7420	10	US-09-9417-R00A-502	Sequence 502, App
C 11	36	65.5	7747	10	US-09-954-456-2006	Sequence 2006, App
C 12	36	63.6	471	10	US-09-843-471A-7	Sequence 7, Appli
C 13	35	63.6	542	10	US-09-823-101-1	Sequence 1, Appli
C 14	35	63.6	5124	9	US-09-938-842A-854	Sequence 854, App
C 15	35	63.6	5598	9	US-09-938-842A-1436	Sequence 1436, App
C 16	35	63.6	14800	10	US-09-954-456-1601	Sequence 1601, App
C 17	35	63.6	15231	10	US-09-917-800A-1505	Sequence 1505, App
C 18	34	61.8	347	10	US-09-984-965-2371	Sequence 2371, App
C 19	34	61.8	349	10	US-09-984-965-2402	Sequence 2402, App
C 20	34	61.8	499	10	US-09-783-590-218	Sequence 218, App
C 21	34	61.8	550	9	US-10-046-935-2509	Sequence 2209, App
C 22	34	61.8	550	9	US-09-878-178-2559	Sequence 2209, App
C 23	34	61.8	720	10	US-09-828-313-7	Sequence 7, Appli
C 24	34	61.8	984	10	US-09-767-479-11	Sequence 11, Appli
C 25	34	61.8	1217	10	US-09-828-313-20	Sequence 9, Appli
C 26	34	61.8	1408	10	US-09-863-475A-9	Sequence 9, Appli
C 27	34	61.8	3647	10	US-09-863-475A-7	Sequence 7, Appli
C 28	34	61.8	4747	10	US-09-751-757-25	Sequence 25, Appli
C 29	34	61.8	21591	10	US-09-070-927A-110	Sequence 110, App
C 30	34	61.8	55159	9	US-09-771-208-20	Sequence 20, Appli
C 31	33	60.0	124	10	US-09-864-761-29393	Sequence 29393, A
C 32	33	60.0	439	10	US-09-960-352-3604	Sequence 3604, App
C 33	33	60.0	403	10	US-09-960-352-13115	Sequence 13115, App
C 34	33	60.0	456	10	US-09-864-761-4830	Sequence 4830, App
C 35	33	60.0	471	10	US-09-864-761-11077	Sequence 11077, A
C 36	33	60.0	495	10	US-09-783-590-9051	Sequence 9051, App
C 37	33	60.0	499	10	US-09-864-761-6157	Sequence 6157, App
C 38	33	60.0	501	9	US-10-040-749-1047	Sequence 1047, App
C 39	33	60.0	543	10	US-09-864-761-12828	Sequence 12828, A
C 40	33	60.0	532	10	US-09-833-381-1933	Sequence 1933, App
C 41	33	60.0	705	10	US-09-974-300-6383	Sequence 6383, App
C 42	33	60.0	708	9	US-09-738-626-2577	Sequence 2577, App
C 43	33	60.0	842	9	US-09-738-626-2575	Sequence 2575, App
C 44	33	60.0	1074	10	US-09-815-242-6743	Sequence 6743, App
C 45	34	60.0	1264	9	US-10-012-06563	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-960-253-156
Sequence 156, Application US/09-00-253
PATENT NO. US-20020123619A1
GENERAL INFORMATION:
APPLICANT: Bethesda, David E.
APPLICANT: Mohammad, Radoon
APPLICANT: Lodges, Michael T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
OF LUNG CANCER
FILE REFERENCE: 210131-556
CURRENT APPLICATION NUMBER: US/09-00-253
CURRENT FILING DATE: 2001-04-29
NUMBER OF SEQ ID NOS: 187
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 156
LENGTH: 2930
TYPE: DNA
ORGANISM: Homo sapiens
US-09-960-253-156

Alignment Scores:
Pred. No.: 0.0113 Length: 2930
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Concatenative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Caps: 0

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US 09-856-070 23 (1-11) x US-09-960-253 156 (1-2930)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
DB 1112 GAGTTCATGCTGGCGCTGCAGGACTATGAGGAG 1144
RESULT 2
US 09-880-107-3718
; Sequence 3718, Application US/098680107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, David T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherl, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921 5028 WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 3718
; LENGTH: 3044
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. U520920142981A1 X51521
; LOCATION: (1)...(3044)
; OTHER INFORMATION: n - a or c or q or t
US 09 880 107-3718

Alignment Scores:
Pred. No.: 0.0118 Length: 3044
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US 09-856 070 23 (1-11) x US-09-880-107-3718 (1-3044)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
DB 1153 GAGTTCATGCTGGCGCTGCAGGACTATGAGGAG 1185
RESULT 3
US 09 864 864 329
; Sequence 329, Application US/09864864
; Patent No. US20020102679A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jianqun
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Barlocker, Susan L.
; APPLICANT: Dillon, David C.
; APPLICANT: Secrist, Heather
; APPLICANT: Lodes, Michael J.
; APPLICANT: Alqate, Paul A.
; APPLICANT: Fling, Steve P.
; APPLICANT: Mannion, Jane
; APPLICANT: Benson, Darin K.
; APPLICANT: Carter, Darick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 21021523
; CURRENT APPLICATION NUMBER: US/09/864,864
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 441

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; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 329
; LENGTH: 3047
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)...(3047)
; OTHER INFORMATION: n - A,T,C or G
US-09 864 864 329

Alignment Scores:
Pred. No.: 0.0118 Length: 3047
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US 09 856-070-23 (1-11) x US-09-864-864-329 (1-3047)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
DB 1153 GAGTTCATGCTGGCGCTGCAGGACTATGAGGAG 1185
RESULT 4
US-09-925-299-123
; Sequence 123, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1996-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 123
; LENGTH: 3115
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-299-123

Alignment Scores:
Pred. No.: 0.0121 Length: 3115
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-23 (1-11) x US-09-925-299 123 (1-3115)
QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
DB 1185 GAGTTCATGCTGGCGCTGCAGGACTATGAGGAG 1217
RESULT 5
US-09-864-761-27935/c
; Sequence 27935, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Petru, Shantion G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DEIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; CURRENT FILING DATE: 2001-05-23
; FILE REFERENCE: Acomica-X-1

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